Practitioner's Docket No. 50798-2 DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): David R. GABE, Andrew J. COBLEY, Leon R. BARSTAD, Mark J. KAPECKAS

Erik REDDINGTON and Wade SONNENBERG

WARNING: 37 CFR 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title): PLATING BATH AND METHOD FOR DEPOSITING A METAL LAYER ON A SUBSTRATE

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is mandatory.)
(Express Mail certification is optional.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date <u>November 24, 2003</u>, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number <u>EV342619036US</u>, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Deanna M. Rivernider

(type or print name of person mailing paper)

Signature of person mailing paper

WARNING:

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to

obtain a date of mailing or transmission for this correspondence.

*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label

placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will

not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

1. Type of Application

This new application is for a(n)

(check one applicable item below) [] Original (nonprovisional) Design [] Plant **WARNING:** Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-inpart application. **WARNING:** Do not use this transmittal for the filing of a provisional application. If one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION NOTE: TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION. [X] Divisional. [] Continuation. [] Continuation-in-part (C-I-P). Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)

2.

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in \S 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(1) within the time period set forth in § 1.53(f).

37 CFR 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING:

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING:

When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

Α.	Required for Filing Date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153
	(Design) Application

25 14 2	Pages	s of Specification s of Claims ts of Drawing
	[]	Formal Informal
Other	Paper	s Enclosed
1	Pages	of Abstract

Other

WARNING:

В.

DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988... (1990 O.G. 57-62).

NOTE: "Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page." 37 C.F.R. 1.84(c)).

(complete the following, if applicable)

[] The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

l.	Additi	onal Pap	pers Enclosed
	[X] [] [] [] []	Informa Form P Citation Declara Submis	ation of Biological Deposit sion of "Sequence Listing," computer readable copy and/or amendment ing thereto for biotechnology invention containing nucleotide and/or amino acid
	[]	Author	ization of Attorney(s) to Accept and Follow Instructions from Representative Comments
5.	Declar	ation or	Oath
NOTE:	nonprov the inver executed is submi inventor that deci under §	isional app ntors name I declaration tted. The construction to the app Idenation mi	lectaration is not required in a continuation or divisional application provided the prior olication contained a declaration as required, the application being filed is by all or fewer than all in the prior application, there is no new matter in the application being filed, and a copy of the on filed in the prior application (showing the signature or an indication thereon that it was signed) opy must be accompanied by a statement requesting deletion of the names of person(s) who are not plication being filed. If the declaration in the prior application was filed under § 1.47 then a copy of ust be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person ubsequently joined in a prior application, then a copy of the subsequently executed declaration must R 1.63(d).
NOTE:	identify together	each inven with any c	to complete an application must be executed, identify the specification to which it is directed, tor by full name, including the family name, and at least one given name without abbreviation other given name or initial, and the residence, post office address and country of citizenship of each whether the inventor is a sole or joint inventor. 37 CFR 1.63(a)(1)-(4).
	[X]	Enclose	ed (copy as filed with parent application)
		Execute [X] []	(check all applicable boxes) inventor(s). legal representative of inventor(s). 37 CFR 1.42 or 1.43. joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. [] This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.
	[]	Not En	closed.
NOTE:	applicat continua	ion contair ition or coi	a completion in the U.S. of an International Application, or where the completion of the U.S. as subject matter in addition to the International Application, the application may be treated as a antinuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION HERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.
		[]	Application is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of

(Th	ie declar	ntion or oath, along with the surcharge required by 37 CFR 1.16(e), can be filed subsequently).
NOTE:	It is impe	ortant that all the correct inventor(s) are named for filing under 37 CFR 1.41(c) and 1.53(b).
		[] Showing that the filing is authorized. (not required unless called into question. 37 CFR 1.41(d))
6.	Invent	orship Statement
WARNI	NG:	If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.
The inv	ventorsh	ip for all the claims in this application are:
	[]	The same.
	[]	Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made, [] is submitted. [] will be submitted.
7.	Langu	age
NOTE:	translati	cation including a signed oath or declaration may be filed in a language other than English. An English on of the non-English language application and the processing fee of \$130.00 required by 37 CFR 1.17(k) is to be filed with the application, or within such time as may be set by the Office. 37 CFR 1.52(d).
	[X]	English Non-English
		[] The attached translation includes a statement that the translation is accurate. 37 C.F.R. 1.52(d).
8.	Assign	ment
	[X]	An assignment of the invention to Shipley Company, L.L.C. of Marlborough, Massachusetts
		[] is attached. A separate [] "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or [] FORM PTO 1595 is also attached.
		[X] was filed in the parent application (copy enclosed)[] will follow.
NOTE:		rsignment is submitted with a new application, send two separate letters-one for the application and one for ment' Notice of May 4, 1990 (1114 O.G. 77-78).
WARNI	NG:	A newly executed "STATEMENT UNDER 37 CFR 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.

9.	Certified	Copy

Certified copy(ies) of application(s)

<u>Cour</u>	itry	Appln. No.	Filed	
from which p	riority is claim	ed		
[] []	is enclosed. was filed.			
[]	will follow.			

NOTE: The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 CFR 1.55(a) and 1.63.

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

10. Fee Calculation (37 C.F.R. 1.16)

A. [X] Regular application

CLAIMS AS F	ILED				
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) \$770.00
Total Claims (37 CFR 1.16(c))	14	- 20 =	0	x \$ 18.00	\$0
Independent Claims (37 CFR 1.16(b))	1	- 3 =	0	x \$86.00	\$0
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$290.00	\$0

[]	Amendment canceling extra claims is enclosed.
[]	Amendment deleting multiple-dependencies is enclosed.
[]	Fee for extra claims is not being paid at this time.

NOTE: If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency. 37 CFR 1.16(d).

Filing Fee	Calculation	\$ 770.00

	В.	[]		applica 00—37			Ess Cal	avlatia.	_	\$			
	C.	[]		pplication		16(g))	Fee Cal			\$_ \$_			
11.	Small	Entity S	Stateme	nt(s)									
	[]	Statem attache	ent(s) thed.	nat this	is a fili	ing by a	small e	ntity u	nder 3	7 CFR	. 1.9 and	d 1.27	is (are)
WARNI	NG:	available or patent in division, a reissue continui. 121, or applicate the state or in the	as a smalle and desirt, including which the or continue applicating or reiss 365(c) of the or in the epatent ary filing fee	red. Status g applicate e status he uation-in-p ion requir sue applicate a prior of he patent e prior app nd status of will be tre	s as a sma tions or p as been e part (incluses a new ation. A r application if the non plication of as a smal	all entity in tentity in tentis who stablished uding a conting on the provision or in the pull entity is uch a referonter when the pull entity is uch a referonter when the pull entity is the pull entity entity is the pull entity	n one appli ich are dir The refili ntinued pro ation as to onal appli eissue app il applicat atent or ind still prope ence for pr	cation or ectly or a no secution of an osecution of continu cation cludication ion or the cludes a car and de urposes of a no cation of the cludes a car and de urposes of a no cation or the cludes a car and de urposes of a no cation of the cludes a car and de urposes of a no cation of the cation	r patent of indirectly applican applican adming to may rely e reissue copy of t sired. The	does not y depend tion und tion und lement to benefit u y on a e applica he states	affect any lent upon er § 1.53 (er § 1.53) (er § 1.53) (for small en nder 35 Ustatement ution inclument in the ent of the	o other ap the appli as a cont (d)), or the ntity statu I.S.C. 115 filed in t des a refi e prior ap small en	plication or cation or cation or cinuation, e filing of us for the P(e), 120, the prior erence to pplication
				(com	plete th	e followi	ng, if ap	plicable	e)				
	[]	Status	as a sma	ll entity			prior app enefit is						_, filed
		35 U.S	.C. §	[] [] []	119(e) 120, 121, 365(c)								
		and wh	nich statu	ıs as a sr	nall ent	ity is stil	l proper	and des	sired.				
		[] Filing]	A copy Fee Calc				prior app C above			luded.			
NOTE:	Any exce months o	ess of the f	full fee po of timely p	aid will be ayment of	refunde a full fee.	d if a sma The two-i	ll entity st nonth perio	atus is e od is not	stablishe extendat	ed refun ble unde	d request r § 1.136.	are filed 37 CFR I	within 2 1.28(a).
12.	Reque	st for In	iternatio	nal-Typ			.F.R. 1.1 pplicabl						
	[]		prepare al examii					port fo	r this a	applica	tion at	the time	e when



13. Fee Payment Being Made at This Time

	[]	Not En	closed			
		[]	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. 1.16(e) ca	n be	e paid subsequently.)	
	[X]	Enclose	ed			
		[X]	Filing fee	\$_	770.00	
		[]	Recording assignment (\$40.00; 37 C.F.R. 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.")	\$_		
		[]	Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. 1.47 and 1.17(i))	\$_		
		[]	For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. 1.52(d) and 1.17(k))	\$_		
		[]	Processing and retention fee (\$130.00; 37 C.F.R. 1.53(d) and 1.21(l))	\$_		
		[]	Fee for international-type search report (\$40.00; 37 C.F.R. 1.21(e))	\$_	· .	
NOTE:	application	on pursuan obtain the	ablishes a fee for processing and retaining any application that is abanc to 37 CFR 1.53(f) and this, as well as the changes to 37 CFR 1.53 benefit of a prior U.S. application, either the basic filing fee must 21(l) must be paid, within 1 year from notification under § 53(f).	and	1.78(a)(1), indicate that	in
			Total Fees Enclosed	\$_	770.00	
14.	Metho	d of Pay	ment of Fees			
	[X]	Check i	n the amount of \$_770.00			
	[]		Account No in the amount of \$ cate of this transmittal is attached.	- •		
15.	Author	rization 1	to Charge Additional Fees			
WARNI	NG:	If no fees	are to be paid on filing, the following items should <u>not</u> be completed.			
WARNI	NG:		ly count claims, especially multiple dependent claims, to avoid unexpec are authorized.	cted i	high charges, if extra clai	71
	[X]		ommissioner is hereby authorized to charge the following the entire pendency of this application to Account	_		S

- [X] 37 C.F.R. 1.16(a), (f) or (g) (filing fees)
 [X] 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)
- NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 CFR 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.
 - [X] 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
 - [X] 37 CFR 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a).
 - [X] 37 C.F.R. 1.17 (application processing fees)
- NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 CFR 1.136(a)(3).
 - [] 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance.

 37 CFR 1.311(b)).
- NOTE: 37 CFR 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . issue fee." From the wording of 37 CFR 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

16. Instructions as to Overpayment

NOTE: "... Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 CFR 1.26(a).

[A]	Credit Account No	04-1103
[]	Refund	John Whoile
		SIGNATÚRÉ OF PRACTITIONER
Reg. No. 35,	647	John J. Piskorski (type or print name of practitioner)
Tel. No.: (50	08) 229-7662	c/o EDWARDS & ANGELL, LLP P.O. Box 9169 P.O. Address
Customer No).:	Boston, MA 02209

[X] Incorporation by reference of added page	[X]	Incorporation	ı by	reference o	ρf	added	page	es
--	-----	---------------	------	-------------	----	-------	------	----

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

	[X]	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed					
		Number of pages added5					
	[X]	Plus Added Pages for Papers Referred to in Item 4 Above					
		Number of pages added1					
	[]	Plus added pages deleting names of inventor(s) named on prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application. Number of pages added					
	[]	Plus "Assignment Cover Letter Accompanying New Application" Number of pages added					
]	Staten	nent Where No Further Pages Added					
		(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item)					
	[]	This transmittal ends with this page.					

PA	7	\mathbf{E}	Ν	7

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

[X] Amend the specification by inserting, before the first line, the following sentence:

A. 35 U.S.C. 119(e)

"Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must NOTE: contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

[] "This application claims the benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:	FILING DATE

B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications. . . . Cross-references to other related applications may be made when appropriate." (See § 1.14(a)). 37 C.F.R. § 1.78(a)(2).

[X]	"This application is a			
	[] continuation			
	[] continuation-in-part			
	[X] divisional			
of c	copending application(s)			
[X]	application number 09/970,224	filed on _	October 2, 200	1
[]	International Applicationdesignated the U.S."		filed on	and which
NOTE:	The proper reference to a prior filed PCT application that designate of the PCT application that designate		the U.S. national phas	se is the U.S. serial number and
NOTE:	(1) Where the application being transmitted adds a continuation-in-part or (2) if it is desired to do s	subject matter to t so for other reason.	the International Appli s then the filing can be	ication, then the filing can be as as a continuation.
NOTE:	The deadline for entering the national phase in April 28, 1987 (1079 O.G. 32 to 46) as follows:	the U.S. for an in	ternational application	n was clarified in the Notice of
	"The Patent and Trademark Office considers the priority date if the United States has been designal filed prior to the expiration of the 19th month from Demand for International Preliminary Examination expiration of the 19th month from the priority communicated to the Patent and Trademark Of international application has not been communicated respectively, the international application priority date respectively. These periods have been 1.495. A continuing application under 35 U.S. international application."	ated and no Deman om the priority dat on which elected th date, provided th ffice within the 20 icated to the Pate on placed in the rul	nd for International Property of the United States of America at a copy of the interproperty of the interproperty of the Indicate of the United States as paragraph (h) of the United St	eliminary Examination has been month from the priority date if a serica has been filed prior to the rnational application has been I respectively. If a copy of the fice within the 20 or 30 month states 20 or 30 months from the § 1.494 and paragraph (i) of §
[]	"The nonprovisional application designa			_, claims the benefit of
	U.S. Provisional Application(s) No(s).:			
APPLI	CATION NO(S).:			FILING DATE
	_/			,,
	_/		-	······································
			-	
ſĵ	Where more than one reference is made	above please co	ombine all reference	ces into one sentence.

18. Relate Back—35 U.S.C. 119 Priority Claim for Prior Application

		(s), including any prior Internate turn itself claim(s) foreign priority	ional Application designating the U.S., (ies) as follows:
Country		Appln. no.	Filed
The	certified copy(ies) has (have)	
[]	been filed on	, in prior application	, which was filed on
[]	is (are) attached.		
WARNIN	Bureau may not be relic application. This is so Bureau is placed in a f folders are disposed of needed later in the prose documents from the fold transfer, retrieve the fold such copies in the Co	ed on without any need to file a certified because the certified copy of the priority belder and is not assigned a U.S. serial not the national stage is not entered. There cution of a continuing application. An alted ders and transfer them to the continuing lers, make suitable record notations, transportinuing Application are substantial. Accordance.	n communicated to the PTO by the International copy of the priority application in the continuing application communicated by the International umber unless the national stage is entered. Such fore, such certified copies may not be available if ernative would be to physically remove the priority application. The resources required to request for the certified copies, enter and make a record of excordingly, the priority documents in folders of the may not be relied on. Notice of April 28, 1987
19. Mai	ntenance of Copenden	cy of Prior Application	
		opy of the petition filed in the prior applic ng of the continuation application. Notice	vation extending the term for response is filed with of November 5, 1985 (1060 O.G. 27).
A.	[] Extension of time in	prior application	
(This it	em must be completed o	and the papers filed in the prior a application has run.)	pplication, if the period set in the prior
	[] A petition, fee and r	esponse extends the term in the per	nding prior application until
	[] A copy of the p	etition filed in prior application is a	attached.
В.	[] Conditional Petition	for Extension of Time in Prior Ap	plication
	(con	nplete this item, if previous item no	t applicable)
	[] A conditional petition	on for extension of time is being fil	ed in the pending prior application.
	[] A copy of the co	onditional petition filed in the prior	application is attached.

20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a)	[]	This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are
			[] the same.
			[] less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:
			(type name(s) of inventor(s) to be deleted)
(b)	[]	This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are
			[] the same.
			[] the following additional inventor(s) have been added:
			(type name(s) of inventor(s) to be deleted)
(c)	[]	The inventorship for all the claims in this application are
			[] the same.
			[] not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
			[] is submitted.
			[] will be submitted.
21.	Ab	and	onment of Prior Application (if applicable)
1	[]		Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.
NOTI	E:	app the	ording to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in-part lication is a proper response with respect to a petition for extension of time or a petition to revive and should include express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing to the continuing application.

22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

"The claims of a new application may be finally rejected in the first Office action in those situations where (1) the **WARNING:** new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b). NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary. (check the next item, if applicable) [] There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently) 23. Small Entity (37 CFR § 1.28(a)) [] Applicant has established small entity status by the filing of a statement in parent application No. [] A copy of the statement previously filed is included. WARNING: See 37 CFR § 1.28(a). 24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING [] A notification of the filing of this (check one of the following) [] continuation [] continuation-in-part [] divisional is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.